

+

+

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

C mplete if Known

Application Number	Unknown
Filing Date	Concurrently herewith
First Named Inventor	KOFFAS ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1596 US DIV

Sheet	1	of	2
-------	---	----	---

[illegible][illegible]

3/28/2005

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

4/4/03

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)


Sheet 2 of 2

Complete if Known

Application Number	UNKNOWN
Filing Date	CONCURRENTLY HEREWITH
First Named Inventor	KOFFAS ET AL.
Group Art Unit	UNKNOWN
Examiner Name	UNKNOWN
Attorney Docket Number	CL1596 US DIV

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JS		Methane and Methanol Utilizers (Biotechnology Handbook 5, J. Colin Murrell and Howard Dalton eds. 1992, Plenum Press NY, pp. 23-84	
		Murrell et al., Molecular biology and regulation of methane monooxygenase, Arch. Microbiol., 2000, 173(5-6), 325-332	
		Grigoryan, E. A., Kinet. Catal., Catalytic Activation and Functionalization of Methane, 1999, 40(3), 350-363	
		Sharpe, D. H. Bio Protein Manufacture, 1989, Ellis Horwood series in applied science and industrial technology, New York: Halstead Press	
		Villadsen, J., Recent Trends Chem. React. Eng., (Proc. Int. Chem. React. Eng. Conf.), 2 nd 1987, Volume 2, 320-333.	
		Editor(s) Kulkarni, B. D.; Mashelkar, R. A.; Sharma, M. M. Publisher: Wiley East, New Delhi, India; Naguib, M., Proc. OAPC Symp. Petroprotein (Pap), 1980, Meeting Date 1979, 253-77 Publisher: Organ. Arab Pet. Exporting Countries, Kuwait	
		Tsien et al., Gas, Oil, Coal, Environ. Biotechnol. 2, Pap. Int. IGT Symp. Gas, Oil Coal, Environ. Biotechnol., 2 nd , 1990, 83-104. Editors Akin et al., Publisher: Inst. Gas. Technol., Chicago, IL	
		Merkley et al., Biorem. Recalcitrant Org., Pap. Int. In Situ On-Site Bioreclam. Symp., 3 rd , 1995, 165-74, Editors Hinchey et al., Publisher: Battelle Press, Columbus, OH	
		Meyer et al., Development of techniques for the bioremediation of soil, air and groundwater polluted with chlorinated hydrocarbons: the demonstration project at the model site in Eppelheim, Microb. Releases, 1993, 2(1), 11-22	
		Ivanova et al., Production of Organic Exometabolites by Diverse Cultures of Obligate Methanotrophs, Mikrobiologiya, 1988, 57(4), 600-5	
		Kilbane, John J., Gas, Oil, Coal, Environ. Biotechnol. 3 (Pap. IGT's Int. Symp.), 3 rd 1991, Meeting Date 1990, 207-28. Editors Akin et al., Publisher: IGT, Chicago, IL	
		Urakami et al., Occurrence of Isoprenoid Compounds in Gramnegative Methanol-, Methane-, and Methylamine-Utilizing Bacteria, J. Gen. Appl. Microbiol. 1988, 32(4), 317-41	
		Dijkhuizen, L. P. R. Levering, G. E. DeVries, 1992, In: Methane and Methanol Utilizers, Biotechnology Handbooks 5, J. Colin Murrell and Howard Dalton eds, 1992 Plenum Press NY pp. 149-181	
		Beschastnyi et al., Inst. Biochem. Physiol. Microor., Pushchino, Russia, Biokhimiya (Moscow) 1992, 57(8), pp. 1215-1221	
		Shishkina et al., Inst. Bikhim. Fiziol. Mikroorg., Pushchino, Russia, Mikrobiologiya, 1990, 59(4), 533-8	
		Trotsenko et al., Studies on Phosphate metabolism in obligate methanotrophs, Fems Microbiology Reviews 87, 1990, pp. 267-272	
		Shishkina et al., Effect of Glucose on the Growth and Metabolism of Obligate Methanotrophs, vol. 57, No. 6, 1988, ppl. 917-923	
		Alexandra et al., "Characterization and Phylogeny of the PFP Gene of Amycolatopsis Methanolic Encoding PPI-Dependent Phosphofructokinase" Journal of Bacteriology, Washington, D.C. Vol. 178, No. 1, January 1998, pp. 149-155, XP002935145	

Examiner
Signature

Date
Considered

3/28/2005

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.